## INTERNATIONALSEARCHREPORT

International application No. PCT/JP2004/016781

		PCI/JP2	004/016781
A. CLASSIFICATION OF SUBJECT MATTER			
Int.Cl <sup>7</sup> G09F9/30,H05B33/10,H05B33/14,H01L29/786,H01L21/288,H01L21/3205			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED  Minimum Annual Classification of the classification in probability and the classificatio			
Minimum documentation searched (classification system followed by classification symbols)			
Int.Cl7 G09F9/30, H05B33/10-33/28, H01L29/786, H01L21/288, H01L21/3205			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2005, Japanese Registered Utility Model Gazette 1994-2005, Japanese Gazette			
Containing the Utility Model 1996-2005  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
Category*			Actovant to claim No.
x	JP 7-312290 A (NEC CORPORATION) 1995.11.28		1,3
Y	paragraph [0037] - [0047] , figs. 2-4		2,4-24
	& US 5747930 A1 & EP 684753 A1		
Y	JP 7-333652 A (HITACHI, LTD.) 1995.12.22		2,4-24
-	whole document		
	(family:none)		
Y	JP 2003-058077 A (FUJI PHOTO FILM CO., LTD.) 5-24		
•	2003.02.28		- <del></del>
	whole document	,	
	(family:none)		
Y.	JP 2001-196590 A (SEMICONDUCTOR ENERGY 12-15		12-15
	LABORATORY CO., LTD.) 2001.07.19		
	whole document	•	
.	(family:none)		
Further documents are listed in the continuation of Box C.  See patent family annex.			
* Special categories of cited documents:  "T" later document published after the international filing date or			
"A" document defining the general state of the art which is not considered to be of particular relevance understand the principle or theory underlying the invention			
"E" earlier application or patent but published on or after the inter- national filing date  "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone			
is cited to establish the publication date of another citation or other "Y" document of particular relevance; the claimed invention cannot			
special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means are such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art.			
means  "P" document published prior to the international filing date but later  "E" document member of the same patent family than the priority date claimed			
Date of the actual completion of the international search  Date of mailing of the international search report			
07.02.2005		0	1. 3. 2005
Name and mailing address of the ISA/JP		Authorized officer	2M 9804
Japan Patent Office		Hajime Kitagawa	
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